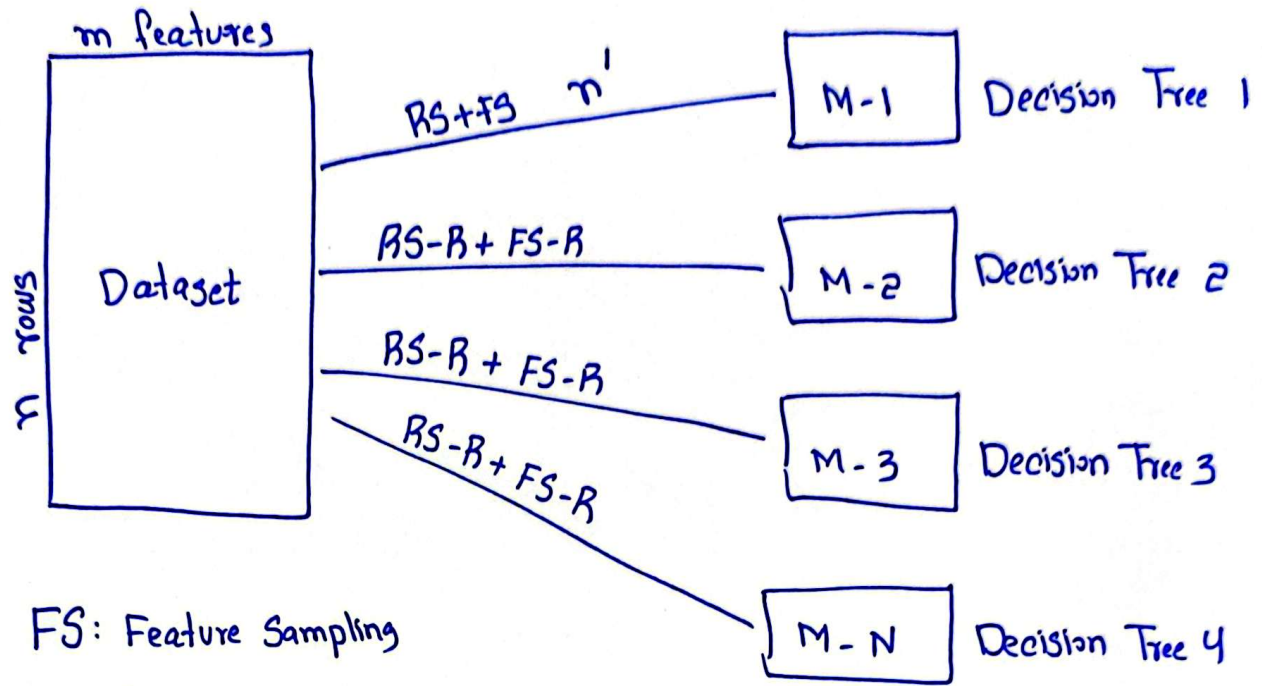


Random Forest



FS: Feature Sampling

RS: Row Sampling

FS-R: Feature Sampling with Replacement

RS-R: Row Sampling with Replacement

new data

DT-1

↓
1

DT-2

↓
1

DT-3

↓
0

DT-4

↓
1

for classification

↳ majority voting classifier

$[1, 1, 0, 1] \Rightarrow 1$

for regression

↳ average of all outputs

$[1, 1, 0, 1] \Rightarrow 0.75$